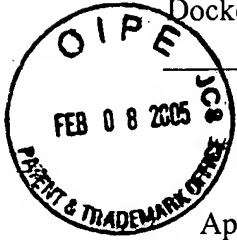


IFW



## AMENDMENT / RESPONSE TRANSMITTAL

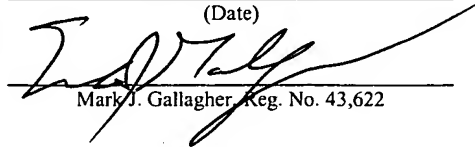
Applicant : Iles, et al.  
App. No. : 10/728,103  
Filed : December 4, 2003  
For : HIGH EFFICIENCY,  
MONOLITHIC  
MULTIJUNCTION SOLAR  
CELLS CONTAINING  
LATTICE-MISMATCHED  
MATERIALS AND  
METHODS OF FORMING  
SAME  
Examiner : Binh X. Tran  
Art Unit : 1765

## CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 1, 2005

(Date)

  
Mark J. Gallagher, Reg. No. 43,622**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

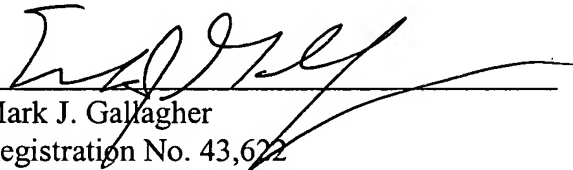
Transmitted herewith for filing in the above-identified application are the following enclosures:

- (X) Response to Office Action dated November 1, 2004 in 10 pages.
- (X) 10 sheets of Replacement Drawings.
- (X) 4 sheets of Annotated Marked-Up Drawings.
- (X) The present application qualifies for small entity status under 37 C.F.R. § 1.27.

The fee has been calculated as shown below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Total Claims	24 - 46 = 0	2202 (\$)	0 x 0 =	\$0
Independent Claims	2 - 5 = 0	2201 (\$)	0 x 0 =	\$0
Multiple Claim		2203 (\$100)		\$0
1 Month Extension		2251 (\$)		\$0
2 Month Extension		2252 (\$)		\$0
3 Month Extension		2253 (\$)		\$0
			<b>TOTAL FEE DUE</b>	<b>\$0</b>

- (X) Return prepaid postcard.
- (X) Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

  
Mark J. Gallagher  
Registration No. 43,622  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

BPINC.001A

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Iles, et al.  
Appl. No. : 10/728,103  
Filed : December 4, 2003  
For : HIGH EFFICIENCY,  
MONOLITHIC MULTIJUNCTION  
SOLAR CELLS CONTAINING  
LATTICE-MISMATCHED  
MATERIALS AND METHODS  
OF FORMING SAME  
Examiner : Binh X. Tran  
Group Art Unit : 1765

CERTIFICATE OF MAILING

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2/1/05

(Date)

Mark Gallagher, Reg. No. 43,622

RESPONSE TO OFFICE ACTION DATED NOVEMBER 1, 2004

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed November 1, 2004, Applicants respectfully submit the following amendments and comments.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper. A "Replacement Sheet" for each sheet of drawings is being submitted herewith. Additionally an "Annotated Marked-Up Drawing" for each sheet of drawings being amended is also being submitted with this paper.

**Remarks/Arguments** begin on page 7 of this paper.